BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, Rajarajeshwari Nagara Division, RR Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No: EE/RRND/Tend/02/2020-21 Date: 10.06.2020

Indent No: BBMP/2019-20/BD/WORK_INDENT40628/CALL-2

SCHEDULE -B

Name of Work: Renovation and Upgradation of Ambedkar Samudaya Bhavana in Sidartha Nagar in ward no 16

Sl.No	Qty	Description of work	Unit	In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	1353.64	Removing white wash or colour wash by steel brushing and / or scraping, sand papering and preparing wall surface smooth including repairs to scraches, cost of labour, complete as per specifications. Specification No.KBS.Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	10.00	Rupees Ten Only
2	24.00	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and nealty dressed as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	280.00	Rupees Two Hundred Eighty Only
3	59.90	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	336.00	Rupees Three Hundred Thirty Six Only
4	6.90	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 5.75 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	5731.00	Rupees Five Thousand Seven Hundred Thirty One Only

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5	16.10	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3.0lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walla (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, structs, buttresses, string or lacing courses, parpets, coping, bed blocks, anchor, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specification. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	6790.00	Rupees Six Thousand Seven Hundred Ninety Only
6	48.50	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	328.00	Rupees Three Hundred Twenty Eight Only
7	89.00	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	494.00	Rupees Four Hundred Ninety Four Only
8	1.70	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.Ground floor Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	557.00	Rupees Five Hundred Fifty Seven Only
9	3.30	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights.Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	363.00	Rupees Three Hundred Sixty Three Only
10	1.58	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 Ground Floor Complete as per the direction of Engineer in Charge with all lead and Lift	Tonne	79709.00	Rupees Sevent Nine Thousand Seven Hundred Nine Only

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11	23.60	Providing & Constructing Granite/ trap/basalt size stone Masonary in basement with Cement morter 1:8 edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two mtr apart in each course including cost of all materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	6159.00	Rupees Six Thousand One Hundred Fifty Nine Only
12	24.00	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per speicifications.Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	226.00	Rupees Two Hundred Twenty Six Only
13	106.50	Providing and constructing Pre cast solid blocks with Compressive strength not less than 35 kg/ sqm with cement morter 1:4 masonary (quion, Jamb, closer block) with solid concrete blockx of size 40 x 15 x 20 cms confirming to IS 2185/1965 in super structures including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	1038.00	Rupees One Thousand Thirty Eight Only
14	7.60	Providing & constructing non load bearing walls cemect concrete solid blocks with compressive strength not less than 35 kg/sqm with cement morter 1:4 (jamb, closer blocks) with blocks of size 40X10X20. (LXBXH) confirming to I.S. : 2185/1965 in super structure including cost of materials, labour charges, scaffolding, curing complete as per specification.Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	911.00	Rupees Nine Hundred Eleven Only
15	109.90	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	310.00	Rupees Three Hundred Ten Only
16	205.40	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	293.00	Rupees Two Hundred Ninety Three Only
17	70.00	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. GG	Sqm	264.00	Rupees Two Hundred Sixty Four Only
18	559.64	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DINV 18998 standards. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	562.00	Rupees Five Hundred Sixty Two Only

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19	11.34	Providing and fixing of factorymade 30 mm P.V.C door frame of size 50x47 mm with a wall thickness of 5 mm made out of extrued 5 mm rigid PVC foamsheet metered cut at cornwers & jointed 2 nos 150 mm long brackets of 15 x 15 mm MS Square tube, the entire door frame to be reinforced with 19 x 19 m square tube of 19 gauge. the door frame to be fixed to the wall using MS screws of 65 /80 mm size complete as per manufacturers specification& directions of Engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	526.00	Rupees Five Hundred Twenty Six Only
20	10.40	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19 x 19mm for styles and 15 x 15mm for top and bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5 x 30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges. GG Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	3119.00	Rupees Three Thousand One Hundred Nineteen Only
21	2.20	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28 Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S. 7452 : 1990, 4nos, of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour, and HOM of machinery complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	4378.00	Rupees Four Thousand Three Hundred Seventy Eight Only
22	43.40	KSRB 8.2 : Providing and fixing in position black cuddapah slab / Shahabad Slab/Thandur blue slab 4 cms thick for roofing laid to line and level over wooden rafters or RCC battens pointing exposed joints with cement mortar 1:4 including cost of materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	714.00	Rupees Seven Hundred Fourteen Only

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23	92.00	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	1359.00	Rupees One Thousand Three Hundred Fifty Nine Only
24	70.20	KSRB 14-17.2: Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	1428.00	Rupees One Thousand Four Hundred Twenty Eight Only
25	649.00	KSRB 15.14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	133.00	Rupees One Hundred Thirty Three Only
26	70.00	KSRB 15.14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on Ceiling surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	114.00	Rupees One Hundred Fourteen Only
27	488.43	KSRB 15.16 : Water proof cement paint KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P.No.124/15.53.2) '--do with Primer-- GG Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	115.00	Rupees One Hundred Fifteen Only
28	80.72	Providing & fixing of glazed 2 Track-2 Panel Sliding Windows made out of multi Chamered uPVC sections with TPV gaskets having Isolated drainage and reinforced witgh Galvanized iron profiles through out the window. The outer frame having a overall size of 60x45 mm with reinforcement of 1 mm thickness and sash with overall size of 39x58 mm with reinforcement of 1.5mm thickness. Glazing bead for fixing ofglass shall be of size 20x18mm and coextruded with gasket. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system of flush lock, Wall thickness of frame & sash shall be 2-2.2 mm. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	5523.00	Rupees Five Thousand Five Hundred Twenty Three Only

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29	8.00	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	1495.00	Rupees One Thousand Four Hundred Ninety Five Only
30	6.00	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	3450.00	Rupees Three Thousand Four Hundred Fifty Only
31	8.00	Providing & fixing CI Nahani trap of approved make confirming to ISI specification and construction of cistren in M 15 as per directions. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	281.00	Rupees Two Hundred Eighty One Only
32	8.00	Providing and fixing in position CP bib cock of approved quality 20 mm nominal bore including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	194.00	Rupees One Hundred Ninety Four Only
33	6.00	Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	3393.00	Rupees Three Thousand Three Hundred Ninety Three Only
34	30.00	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf /sqcm working pressure	Mtrs	366.00	Rupees Three Hundred Sixty Six Only
35	45.00	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf /sqcm working pressure	Mtrs	427.00	Rupees Four Hundred Twenty Seven Only
36	35.00	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf /sqcm working pressure	Mtrs	505.00	Rupees Five Hundred Five Only
37	15.00	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at 1.00mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc.)A)15mm dia pipe nominal OD pipes. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	231.00	Rupees Two Hundred Thirty One Only

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38	45.00	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at 1.00mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc.) B)20 mm dia pipe nominal OD pipes. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	264.00	Rupees Two Hundred Sixty Four Only
39	10.00	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification no: KBS 13.2.6/ a) of 20mm dia .Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	377.00	Rupees Three Hundred Seventy Seven Only
40	10.00	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification no: KBS 13.2.6/ b) of 25mm dia. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	504.00	Rupees Five Hundred Four Only
41	2000.00	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	7.00	Rupees Seven Only
42	85.00	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 20 mm dia pipe nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	164.00	Rupees One Hundred Sixty Four Only
43	45.00	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 25 mm dia pipe nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	201.00	Rupees Two Hundred One Only
44	45.00	Providing and fixing to wall, ceiling and floor , high density polyethylene pipes 6.00 kgf /sqcm working pressure 110 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor in b) 110 mm dia. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	264.00	Rupees Two Hundred Sixty Four Only

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45	15.00	Providing stone ware gully trap of approved quality and fixing in C C 1:2:4 and plastering with C M 1:3 where ever necessary (Rate including cost of all materials, fixtures and lead). Size: 15 cm x 10 cm. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	213.00	Rupees Two Hundred Thirteen Only
46	3.00	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	9536.00	Rupees Nine Thousand Five Hundred Thirty Six Only
47	1.00	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required Complete as per the direction of engineer in charge Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	3919.00	Rupees Three Thousand Nine Hundred Nineteen Only
48	50.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift----------0 to 50 m	Rmtr	361.00	Rupees Three Hundred Sixty One Only
49	50.00	50 to 100 m	Rmtr	460.00	Rupees Four Hundred Sixty Only
50	50.00	100 to 150 m	Rmtr	474.00	Rupees Four Hundred Seventy Four Only

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51	50.00	150 to 200 m	Rmtr	557.00	Rupees Five Hundred Fifty Seven Only
52	50.00	200 to 250 m	Rmtr	659.00	Rupees Six Hundred Fifty Nine Only
53	50.00	250 to 300 m	Rmtr	728.00	Rupees Seven Hundred Twenty Eight Only
54	50.00	300 to 350 m	Rmtr	858.00	Rupees Eight Hundred Fifty Eight Only
55	50.00	350 to 400 m	Rmtr	936.00	Rupees Nine Hundred Thirty Six Only
56	20.00	400 to 420 m	Rmtr	1174.00	Rupees One Thousand One Hundred Seventy Four Only
57	12.00	Providing and fixing 250mm dia PVC (casing pipe)Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	2704.00	Rupees Two Thousand Seven Hundred Four Only
58	30.00	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty.Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	1378.00	Rupees One Thousand Three Hundred Seventy Eight Only
59	5.00	Providing 175mm Dia M.S. Collar Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	156.00	Rupees One Hundred Fifty Six Only
60	1.00	Providing 175mm dia Bore Cap CE (M) Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	104.00	Rupees One Hundred Four Only
61	1.00	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	51953.00	Rupees Fifty One Thousand Nine Hundred Fifty Three Only

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62	370.00	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	428.00	Rupees Four Hundred Twenty Eight Only
63	750.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	132.00	Rupees One Hundred Thirty Two Only
64	1.00	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	1399.00	Rupees One Thousand Three Hundred Ninety Nine Only
65	1.00	Spplying and fixing 50mm GI Union.Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	233.00	Rupees Two Hundred Thirty Three Only
66	1.00	Spplying and fixing 50mm GI Elbow.Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	116.00	Rupees One Hundred Sixteen Only
67	1.00	Spplying and fixing 50mm GI Nipple.Complete as per the direction of engineer in charge	Nos	108.00	Rupees One Hundred Eight Only
68	62.00	Spplying and fixing 50mm GI Hose colleres Complete as per the direction of engineer in charge	Nos	107.00	Rupees One Hundred Seven Only
69	1.00	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws Complete as per the direction of engineer in charge	Nos	182.00	Rupees One Hundred Eighty Two Only
70	1.00	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	2469.00	Rupees Two Thousand Four Hundred Sixty Nine Only
71	1.00	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	1872.00	Rupees One Thousand Eight Hundred Seventy Two Only

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72	1.00	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DCComplete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	447.00	Rupees Four Hundred Forty Seven Only
73	1.00	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HPComplete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	6656.00	Rupees Six Thousand Six Hundred Fifty Six Only
74	1.00	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities.Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	775.00	Rupees Seven Hundred Seventy Five Only
75	20.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	47.00	Rupees Forty Seven Only
76	4.00	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery.Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	416.00	Rupees Four Hundred Sixteen Only
77	1.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	3120.00	Rupees Three Thousand One Hundred Twenty Only
78	8.00	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	106.00	Rupees One Hundred Six Only
79	10.00	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (excep 2cx 10 sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) and extruded PVC outer sheathed armoured cable with specified IS-1554,part-1:1988 and confirming to the attached GTP of group A 4 core 16 sq mm Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	156.00	Rupees One Hundred Fifty Six Only

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80	25.00	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mmComplete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	12.00	Rupees Twelve Only
81	2.00	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	348.00	Rupees Three Hundred Forty Eight Only
82	1.00	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	281.00	Rupees Two Hundred Eighty One Only
83	3.00	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	236.00	Rupees Two Hundred Thirty Six Only
84	26.73	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials seperately Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	991.00	Rupees Nine Hundred Ninety One Only
85	40.10	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per the direction of engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	495.00	Rupees Four Hundred Ninety Five Only
86	277.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes Complete as per the direction of engineer in charge	Mtrs	476.00	Rupees Four Hundred Seven Six Only
87	2.00	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments Complete as per the direction of engineer in charge	Each	532.00	Rupees Five Hundred Thirty Two Only

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88	22.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes Complete as per the direction of engineer in charge	Mtrs	173.00	Rupees One Hundred Seventy Three Only
89	160.00	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing Complete as per the direction of engineer in charge	Mtrs	142.00	Rupees One Hundred Forty Two Only
90	28.07	Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour Complete as per the direction of engineer in charge	Cum	133.00	Rupees One Hundred Thirty Three Only
91	38.76	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip Complete as per the direction of engineer in charge	Cum	102.00	Rupees One Hundred Two Only
92	1.00	Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments with all leads Complete as per the direction of engineer in charge	Each	1917.00	Rupees One Thousand Nine Hundred Seventeen Only
93	2.00	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads Complete as per the direction of engineer in charge	Each	155.00	Rupees One Hundred Fifty Five Only
94	20.05	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing Complete as per the direction of engineer in charge	Cum	5624.00	Rupees Five Thousand Six Hundred Twenty Four Only
95	20.05	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., Complete as per the direction of engineer in charge	Cum	5941.70	Rupees Five Thousand Nine Hundred Forty One And Paise Seventy Only

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